

**PORABLE AIR STERILIZER & PURIFIER  
DEHUMIDIFIER MED-D618**

**CONTROLLED COPY**

**MANUAL BOOK**

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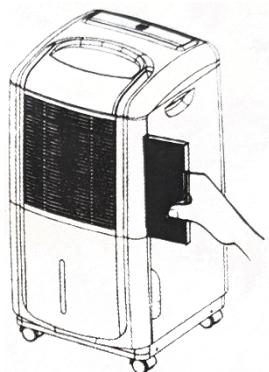
## PRODUCTS INTRODUCTION

MED-DY618 dehumidifier is controlled by microcomputer, dehumidifying automatically, low noise, low temperature, energy-efficient, multiple functional, operation simple and draining off water in succession. It is suitable for protecting to precision type instrument, computer, library, file information, tobacco, seed, advanced musical instrument and suitable for the regulatin of the environmental humidity of the tenement, the villa, the sanatarium and so on, it is the firs-selected equipment which protects the health.

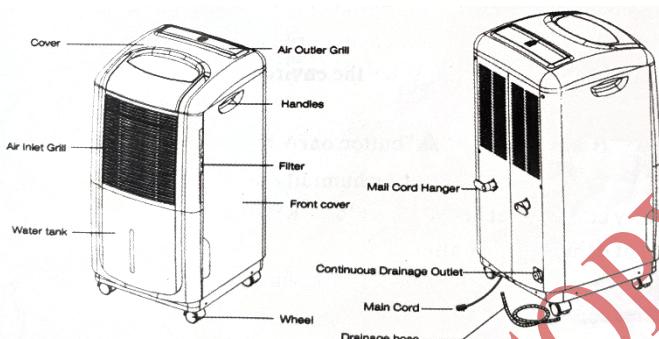
In order to use this appliance aringt, please read this pamphlet in details, and presere it carefully for you reference in future, please fill the necessary item in the card,such as purchase date, purchase address, and so on.

## PERFOMANCE CHARACTERISTIC

1. Dehumidifying automatically,regulate the indoor humidity to RH35-90% or select dehumidification in succession. Control automatically to keep the rate of indoor humidity.
2. Protection, protection of water full, protection of frostbite, protection of delaying start-up compressor, protect automatically.
3. Indication, running power light, water full light power light, defrost light, time light electronic numeral humidity indicator.
4. Card filter, pull out the card filter, clean it conveniently.
5. Electronic humidity indicator,indicating the indoor comparative humidity rate when is running, operate it simple.



## PARTS NAME AND OPERATION PRINCIPLE

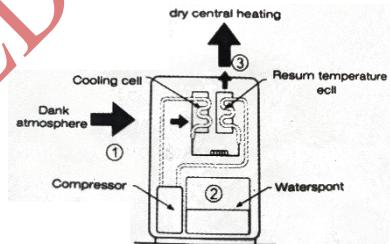


### • How to works

If you put the ice water into the cup, the air around the cup will become cold and become drips on the cup, which is taken by the dehumidifier.

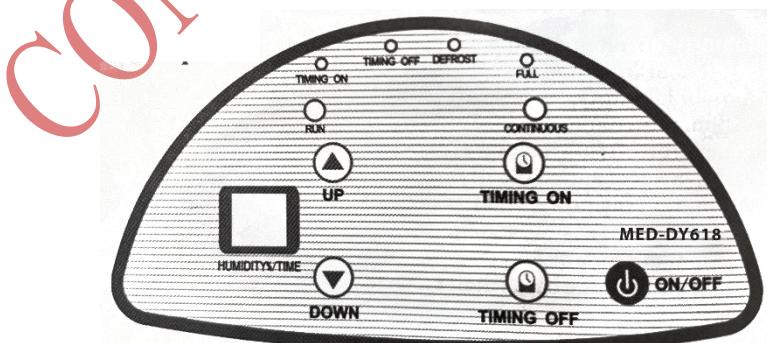
1. The dehumid air is drawed into the radiator and cooled to drips.
2. Dips drop into the water tank.
3. The dried air through condensator to the room.

Repeat the process 1-3 to hemudify the indoor humity.



## OPERATION INSTRUCTION

### • Operation panel



## OPERATION INSTRUCTION

- **ON/PFF**

1. Put the plug into the socket first time, the buzzer buzzes once, run light will be blinking, when touch “on/off” button once, run light turn on continuously, the humidity display window will display the environment humidity that be measured currently.

2. Humidity setting : press the “▲” button once, the setting humidity increase 1%. Press the “▼” button once, the setting humidity reduce 1%. The humidity could be set between RH26% ~ RH90%.

3. Function of dehumidify continuously

If the setting humidify is below RH26%, the window will display “CO”, the unit dehumidifies continuously.

4. Timing setting

A. Timing On : When the machine is ready to action, press “timer on” key once, the “timer on” light is blinking, and the number tube is blinking display “00” press “up” or “down” button to set the time which you want ( press the button once to increase or reduce one hour, the range of time is 0~24 hour), the buzzer buzz once when you stop this operation, then the timer on light turn on continuously if there is no operation within 5 second, that denotes a successful setting. (if press the “timer on” button again, this setting will be cancelled, and the “timer on” light will turn off). When the setted time is up, the unit will turn on automatically.

B. Timing Off : Press “timer off” button, “timer off” light is blinking, the number tube is blinking display “00” at the same time, press “up” or “down” button to set time. The buzzer buzz once when you stop this operation, then the timer off light turn on continuously if there is no operation within 5 seconds, that denotes a successful settings (if press the “timer off” button again, this setting will be cancelled, and the “timer off” light will turn off )

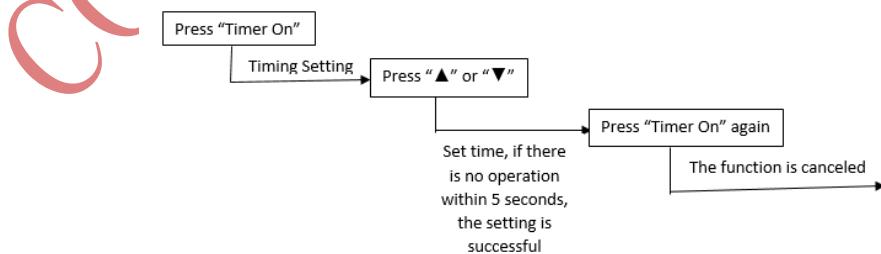
## OPERATION INSTRUCTION

### Note :

- 1) If the setted time is not up, it has no influence to other operation, turn on or turn off the unit. The timer light always turn on denotes that the setting is valid.
  - 2) When the time is up, unit will cancel this setting after finish it, and the “timer on/off” light will turn off. That is the time setting carry out only once.
  - 3) Time is measured after you finish setting.
- C. Cycle Time Setting : If you need to set timer on and off simultaneity, the methods of setting are just same as the “A. Timing On” and “B. Timing Off” above. When finish “timing on” and “timing off” setting at the same time, unit will turn on automatically at the setted “on” time and turn off automatically at setted “off” time, then make a cycle of 24 hours every day.

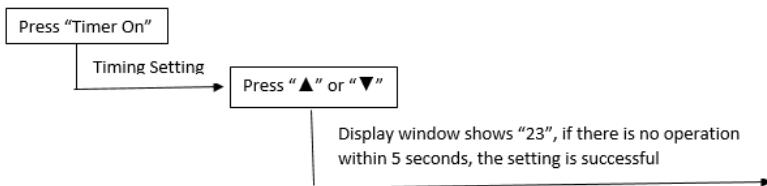
### Note:

- 1) When the cycle time setting has been finished, press “on/off” button at any time or the set time is up, the unit can not cancel this setting by itself.
- 2) If the setting on time and off time are same, the unit will cancel this setting after five seconds, namely the unit judge this settings illogic and do not accept it, you need setting it again.
- 3) To cancel this cycle setting, you need to press “timer on” and “timer off” button again, then the “timer on” and “timer off” light turn off, denoting this setting has been cancel.



# OPERATION INSTRUCTION

For example, now the time is 12:00, to set that the unit will turn on at 11:00 tomorrow morning.



- **Remark :**

1. The principle of flow chart for timer on is same as the follow chart for timer off.
2. The timer on and timer off are set at the same time, that is cycle time setting.

### Instruction :

1. Automatical indication of troubles

When the unit is running, the elements have troubles, the unit will display trouble code “E1” or “E2” or “E3”, and display it every 30 seconds.

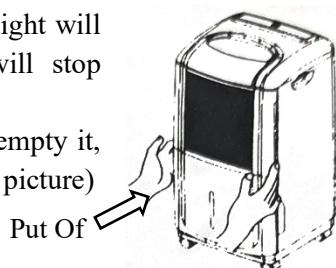
- A. When there is something wrong with temperature sensor, unit display E1, and the unit will continuous running with the setting humidity, function of automatically defrost will change to timing defrost.

2. Buzzer

Press any button of the panel each time, the buzzer will buzz once to make a note.

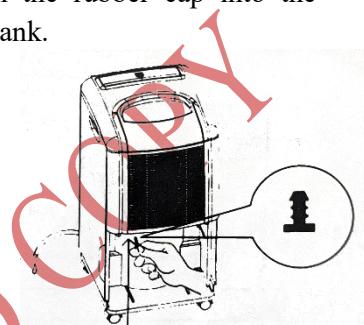
- **Water Tank**

1. When water is full, the water full light will indicate (compressor and fan will stop running)
2. Please put out the water tank and empty it, then pull it into this appliance. (as picture)



## OPERATION INSTRUCTION

- **Continuous Drainage (if continuous dehumidify please use continuous drainage ad follows)**
  1. Put out water tank
  2. Take away the rubber cap on the drainage outlet at the back side of this appliance (as picture) and put on the rubber cap into the drainage outlet on the upward of water tank.
  3. Connect the drainage hose into the drainage outlet at the back of the unit.
  4. Pull water tank into the unit
  5. Set the humidity Setting/On/Off to the cont, it start to run,
  6. The diameter of drainage hose is 10mm.
- **Turn Off**
  1. When the unit is running, press "On/Off" once, unit will be turned off.
  2. Please cut of the power if not use for along time.
- **Notice :**
  1. Appliance will refuse to run if the setting temperature is highter the actual temperature.
  2. When water is full, compressor and fan will turn off automatically. Empty the water tank and it will run.
  3. After the compressor stops, unit will delay 3 minutes to restart automatically.
  4. The compressor and the fan will off automatically when the indoor temperature reach the setting temperature.
  5. When it finished defrost, the compressor will turn off but the fan will run.
  6. If the temperature sensor is damaged, it displayed E1.
  7. If the humidity sensor is damaged, it displayed E2.
  8. Defrost is changed to continuous humidity.



## OPERATION INSTRUCTION

9. When the system lack of Freon or has no Freon, the display window will show “E3”, and close the unit at the same time, it will get back to normal working after the trouble is solved.

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# IMPORTANT

Please use the standard 220-240V alternating current socket



otherwise may be cause fire or other accident

Please do not damage the main cord



If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

Please clean the dust on the plug before put it into the socket.



Otherwise may be cause fire or other accident

Please turn off this appliance first then pull it out



otherwise may be cause fire or other accident

Please do not repair, disconnect this appliance.



otherwise may be cause fire or other accident

Please put this appliance on a flat and even floor.



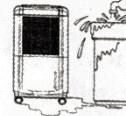
If this appliance tumbles, water in water tank will seep and damage the articles around, furthermore, cause fire or other accident.

Please do not use this appliance in the limited and windtight room such as between garderobe and furniture.



otherwise may be cause fire or other accident

Please do not use this appliance in the place which maybe have water.



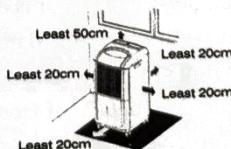
otherwise it may be creepage and cause fire or other accident.

How to preserve the air filter.



If do not use it for a long time, please put the air filter into the plastic bag hermetically.

The suitable place.



# IMPORTANT

Please do not use other relay, extend wire or adapter to connect this appliance.



otherwise may be cause fire or other accident.

Please do not place this appliance to the beside of a heat source such as stove.



heater and so on, otherwise may cause fire or other accident.

Please do not put your finger or other articles into the air inlet grill or air outlet grill.



otherwise may be damage yourself or this appliance.

Please turn off this appliance and cut off the power, if any accident happens (such as burned smell etc.)



otherwise may be cause fire, or other accident.

Please do not use this appliance in the place where is in direct sunlight.



i.e. only use in building.

Please do not put vase or others on this appliance.



otherwise may be cause fire or other accident.

Please do not use this appliance in the place where is influenced by chemicals.



otherwise water tank maybe water seepage.

Please do not sit or stand on this appliance.



otherwise may be cause damage.

Please empty the water tank before move it.



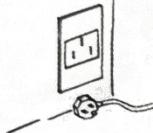
otherwise may be damage articles around or cause creepage accident.

Please turn off this appliance, empty the water tank, move it by wheels.



## IMPORTANT

Please cut off the power if not use for a long time.

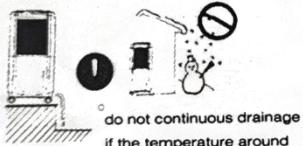


Please turn off this appliance and cut off power before cleaning.



otherwise may be cause damage.

Please put drainage hose suitably.



do not continuous drainage  
if the temperature around  
is icing.

Please inspect this appliance frequently to sure the drainage hose is in the way.

Please put a cushion under this appliance to reduce the noise sound.



Please do not use continuous dehumidification frequently, if the wall or furniture is weak to dry air, otherwise may be cause damage.

## IMPORTANT

- **Normal Breakdown Solve**

Situation	Reason	Treatment Method
This appliance refuse to run	1. Cut off the power 2. Power is out of the way 3. Water tank is full or the place is not suitable 4. It is defrosting	a. Provide power b. Repair power c. Empty the water tank or put it on the suitable place d. It will run automatically after defrosting
Defrost function is not satisfactory	1. Filter is blocked 2. The door or window is not still opened 3. Air inlet grill or air outlet grill have blocked	a. Clean the filter b. Close the door or window c. Clean the air inlet grill or air outlet grill
The noise sound is too loud	1. This appliance is not suitable placed 2. Filter is blocked	a. Place this appliance again b. Clean the filter

When the above malfunction is not solved and need repair, please contact with supplier or service department. Please do not disconnect or repair by yourself.

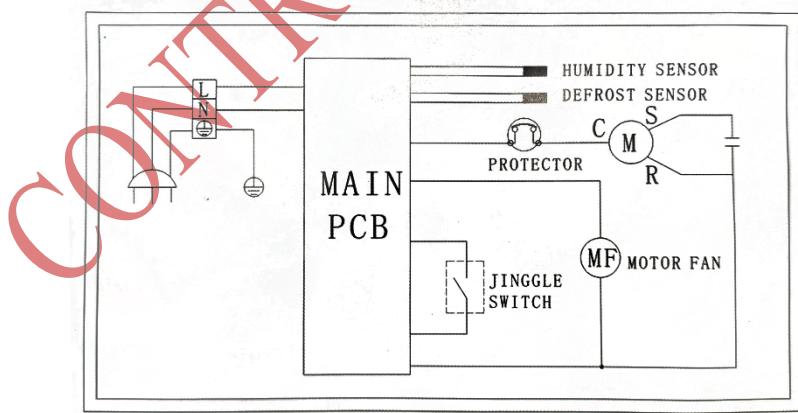
## OTHERS

- Reference

Model	Dehumidifier MED-D618
Moisture Removal Capacity	18L/day (30°C RH80%)
	10.5L/day (27°C RH60%)
Power Supply	220-240V/50Hz
Rated Power	330W
Rated Current	1.6A
Max Power	390W
Max Current	1.9A
Maximum Suction Pressure	1.0Mpa
Maximun Discharge Pressure	2.5Mpa
Refrigerant	R134a/135g
Operating Range	5°C~35°C
Net Wight	13kg
Product Size	345 x 287 x 584 mm

## OTHERS

- Circuit Diagram



**PT. SINKO PRIMA ALLOY**

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